

ERRATA

October 2019

Dear Customer:

Recently, we were made aware of some technical revisions that need to be applied to the California Amendments to AASHTO LRFD Bridge Design Specification – 8th Edition.

Please replace the existing text with the corrected text to ensure that your edition is both accurate and current.

Structure Policy and Innovation staff sincerely apologizes for any inconvenience.

Page	Existing Text	Corrected Text
Section 3		
3-31B	Last sentence in item b) reads Live loads shall be placed in the controlling of one or two separate lines chosen to create the most severe conditions.	Replace with Live loads shall be placed in the controlling of one or two separate lanes chosen to create the most severe conditions.
3-40A	The 4 th row in Table 3.7.5-1 column 5 reads “50%”	Change “50%” to “100%”
3-40A	The last row in Table 3.7.5-1 column 5 reads “50%”	Change “50%” to “0%”
3-148A	Equation 3.12.2.1-1 reads $\Delta_T = \pm \frac{\alpha L (T_{MaxDesign} - T_{MinDesign})}{2}$	Revise equation to read $\Delta_T = \alpha L (T_{MaxDesign} - T_{MinDesign})$
3-148A	Equation number reads “3.12.2.1-1”	Change equation number from “3.12.2.1-1” to “3.12.2.3-1”
Section 4		
4-38A	8 th row in Table 4.6.2.2b-2, last column, Range of Applicability, reads “20 ≤ W <24”	Change “20 ≤ W <24” to 20 ≤ W ≤24
4-43A	The formula in the last row of column 3 in Table 4.6.2.2.3a-2 reads $3 \left(\frac{S}{4.8} \right)^{0.4} \left(\frac{d}{12L} \right)^{0.06}$	Revise formula to read $3 \left(\frac{S}{4.8} \right)^{0.5} \left(\frac{d}{12L} \right)^{0.09}$
4-43A	4 th and 8 th row in Table 4.6.2.2.3A-2, last column, Range of Applicability, reads “6 ≤ S <14”	Change “6 ≤ S <14” to “6 ≤ S ≤14”
4-46A	Several of the last column, Range of Applicability, in Table 4.6.2.2.3c-1 read “less than” signs.	Replace “<” with “≤”
4-46A	17 th row, last column, Range of Applicability, in Table 4.6.2.2.3c-1 reads “17 < d <110”	Replace “17 < d <110” to “17 ≤ d ≤60”
4-46A	4 th , 9 th , and 14 th row, last column, Range of Applicability, in Table 4.6.2.2.3c-1 read “greater than” signs	Replace “>” with “≥”

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Section 5		
5-34A	<p>Amendment to the 11th bullet reads “Sections are tension-controlled where the net tensile stain in the extreme tension steel is equal to or greater than the tension-controlled strain limit, ϵ_{tl} just as the concrete in compression reaches its assumed strain limit of 0.003. Sections with net tensile strain in the extreme tension steel between the compression-controlled strain limit and the tension-controlled strain limit constitute a transition region between compression controlled and tension-controlled sections. For nonprestressed concrete members with factored axial compressive load less than $0.1f'_cA_g$, the net tensile strain in the extreme tension steel at a section shall not be less than 0.004 just as the concrete in compression reaches its assumed strain limit of 0.003. The tension-controlled strain limit, ϵ_{tl}, shall be taken as 0.005 for nonprestressed reinforcement with a specified minimum yield strength, $f_y = 100$ ksi. For nonprestressed reinforcement with a specified minimum yield strength between 75.0 and 100 ksi, the tension-controlled strain limit shall be determined by linear interpolation based on specified minimum yield strength.”</p>	<p>Revise to “Sections are tension-controlled where the net tensile stain in the extreme tension steel is equal to or greater than the tension-controlled strain limit, ϵ_{tl}, just as the concrete in compression reaches its assumed strain limit of 0.003. Sections with net tensile strain in the extreme tension steel between the compression-controlled strain limit and the tension-controlled strain limit constitute a transition region between compression-controlled and tension-controlled sections. For nonprestressed concrete members with factored axial compressive load less than $0.1f'_cA_g$, the net tensile strain in the extreme tension steel at a section shall not be less than 0.004 just as the concrete in compression reaches its assumed strain limit of 0.003. The tension-controlled strain limit, ϵ_{tl}, shall be taken as 0.005 for nonprestressed reinforcement with a specified minimum yield strength, $f_y \leq 75$ ksi and prestressed reinforcement. The tension-controlled strain limit, ϵ_{tl}, shall be taken as 0.008 for nonprestressed reinforcement with a specified minimum yield strength, $f_y = 100$ ksi. For nonprestressed reinforcement with a specified minimum yield strength between 75.0 and 100 ksi, the tension-controlled strain limit shall be determined by linear interpolation based on specified minimum yield strength.”</p>

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Section 12		
12-22A	Several “greater than” signs in the last column, Minimum Cover, in Table 12.6.6.3-1	Change “>” signs to “≥” signs